WHAT IS CLAIMED IS:

1.   In a computer system configured for providing hardware events to software, a method comprising:

determining at least one wake event directed to waking the system from a set of possible events; and

selectively enabling each wake event via the software.

2.   The method of claim 1 wherein determining at least one wake event includes accessing information provided in system firmware.

3.   The method of claim 1 wherein selectively enabling each wake event includes writing at least one bit to a register location.

4.   The method of claim 1 wherein determining at least one wake event includes determining a wake only event, and wherein selectively enabling each wake event includes not enabling the wake only event when the system is in a running state.

5.   The method of claim 1 wherein determining at least one wake event includes determining a wake only event, and

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wherein selectively enabling each wake event includes enabling the wake only event when the system is entering a sleep state.

6.   The method of claim 1 wherein determining at least one wake event includes determining a wake only event, and wherein selectively enabling each wake event includes enabling the wake only event when a device is entering a low power state.

7.   The method of claim 1 wherein determining at least one wake event includes determining a shared wake and run-time event, wherein selectively enabling each wake event includes enabling the shared event, and handling the shared event as a run-time event when the system is in a running state and as a wake event when the system had been in a sleeping state.

8.   The method of claim 1 further comprising, receiving a signal corresponding to an enabled event, and causing execution of a method in response to the signal.

9.   The method of claim 1 further comprising, receiving a signal corresponding to an enabled event, and waking a device in response to the signal.

10. The method of claim 1 further comprising, receiving a signal corresponding to an enabled event, and waking the system in response to the signal.

11. The method of claim 10 further comprising, selectively determining whether to re-enable the event.

12. The method of claim 1 further comprising, selectively determining whether to re-enable the event.

13. A computer system, comprising:

a status register configured to receive signals corresponding to events from hardware devices;

an enable register connected to system software and configured to enable events having signals received in the status register; and

a component of the system software configured to determine wake events directed to waking the system from a set of possible events and further configured to selectively enable each wake event.

14. The system of claim 13 wherein the component accesses information provided in system firmware to determine the wake events directed to waking the system.

15. The system of claim 13 wherein the component maintains a plurality of data structures for tracking wake event information.

16. The system of claim 13 wherein the component accesses a namespace to determine a method corresponding to an event.

17. The system of claim 16 wherein the component accesses information provided in system firmware to construct the namespace.

18. The system of claim 13 wherein the component system accesses system firmware to determine events that are shared wake events and run-time events.

19. The system of claim 13 wherein the component system accesses system firmware to determine events that are wake only events.

20. A computer-readable medium having stored thereon a data structure comprising:

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a first set of information corresponding to a set of events that are wake only; and

a second set of information maintaining events for which there exists a GPE control method.

21. The computer-readable medium of claim 20 wherein the data structure further comprises a third set of information corresponding to a set of events which are currently enabled.

22. The computer-readable medium of claim 20 wherein the data structure further comprises a third set of information corresponding to a set of shared wake events and run-time events.

23. The computer-readable medium of claim 20 wherein the data structure further comprises a third set of information corresponding to a set of events that have started to be processed, but have not yet completed.